

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of ) Attorney Docket No.: **ASAIN0164**  
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Tomonobu HATA et al.    ) Confirmation No.: 3713  
                              )  
Serial No.: 10/538,776    ) Group Art Unit: 1772  
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Filed: June 10, 2005      ) Examiner: Unassigned  
                              )  
For: GRADIENT STRUCTURE MATERIAL   ) Date: April 17, 2006  
                              AND FUNCTIONAL ELEMENT  
                              USING THE SAME      )

**RENEWED SUBMISSION UNDER 37 CFR 1.42**

**MAIL STOP: PCT**

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Sir:

In response to a Decision on Papers Under 37 CFR 1.42 mailed February 15, 2006, attached please find a newly executed Declaration in compliance with 37 CFR 1.497(b)(2).

It is believed that no fee is required with the filing of this paper, however, should the filing of this paper necessitate a fee, the Director is hereby authorized to charge the necessary fee to Deposit Account No. 50-1281.

Respectfully submitted,  
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